

01/18

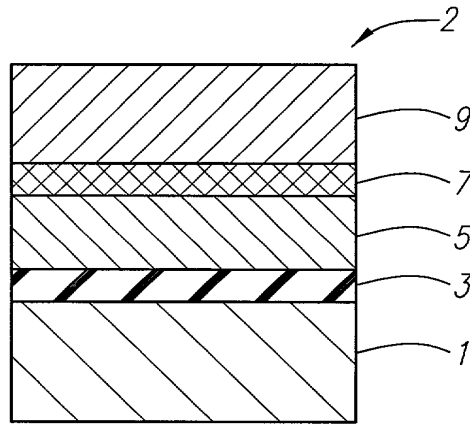


FIG. 1

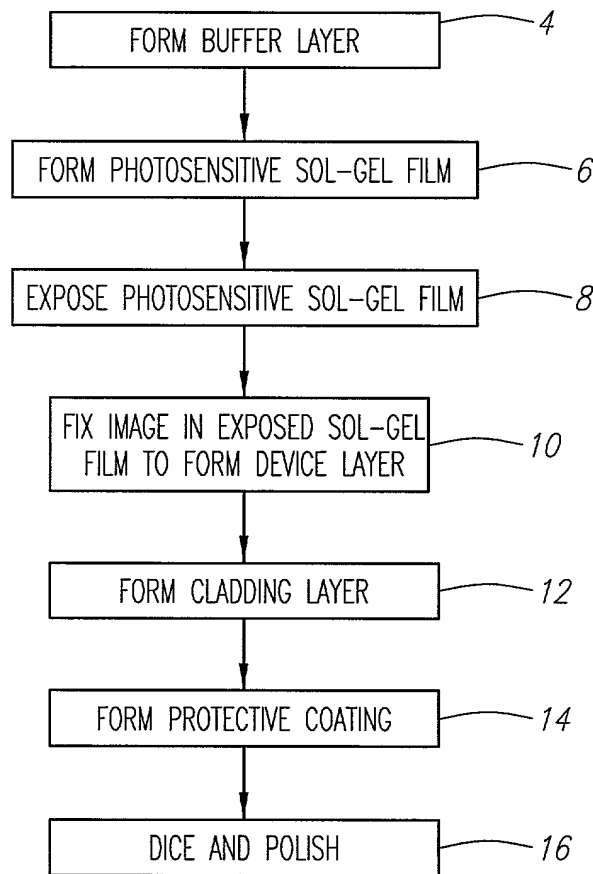


FIG. 2

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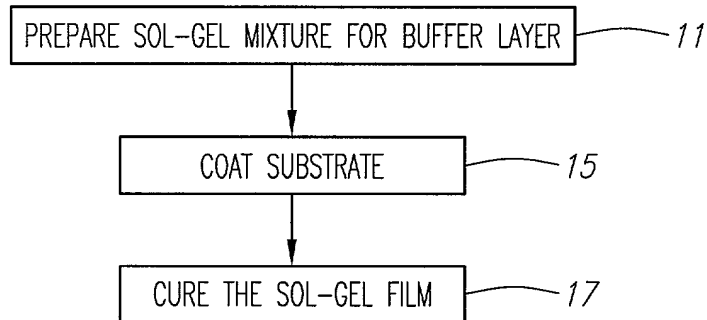


FIG. 3

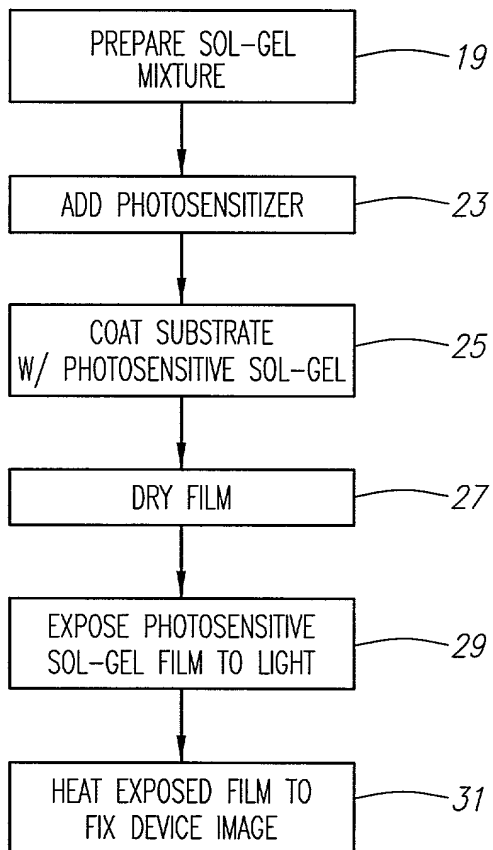


FIG. 4

FIG. 3

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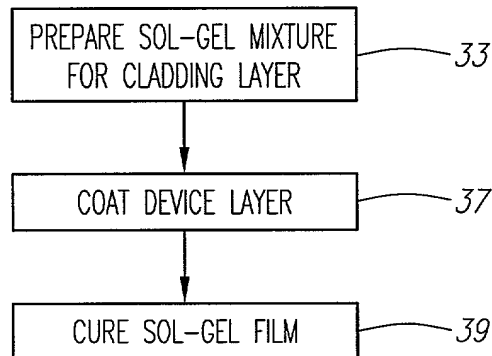


FIG. 5

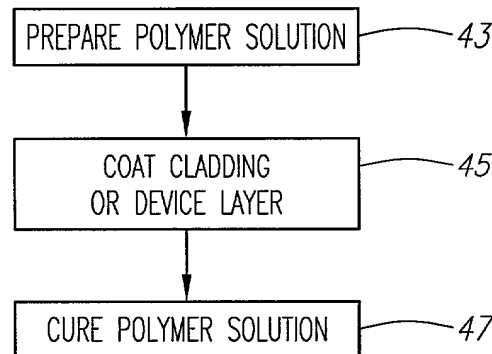


FIG. 6

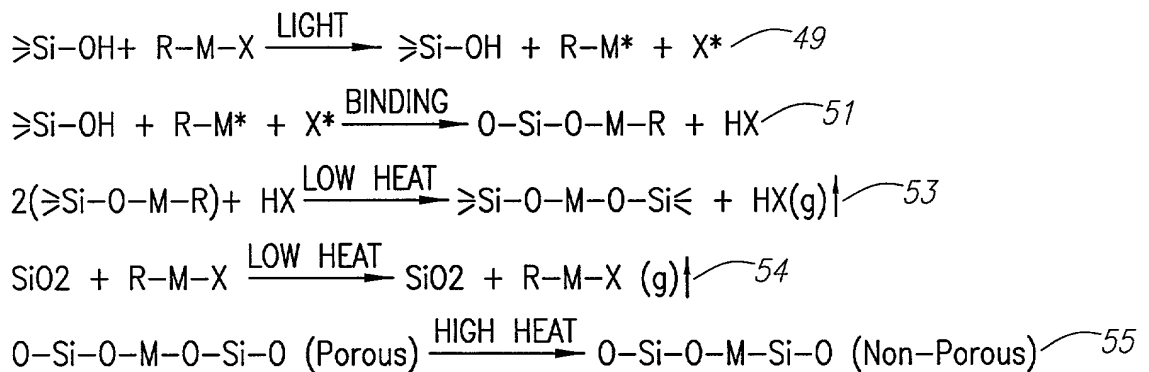
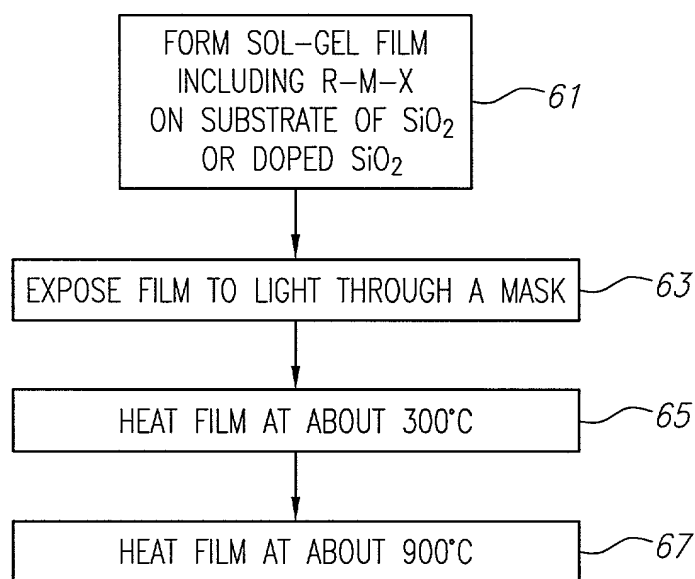


FIG. 7

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Figure 1 consists of 12 sub-graphs labeled (a) through (l), each showing the growth of *E. coli* O157:H7 in ground beef under different treatment conditions. The y-axis for all graphs is \log_{10} CFU/g, ranging from 0 to 10. The x-axis is time in hours, ranging from 0 to 120. The graphs show various growth curves, with some treatments showing significant growth inhibition or even a decrease in bacterial count over time.

- (a) Control: Shows a steady increase in bacterial count from approximately 10^1 to 10^9 CFU/g over 120 hours.
- (b) Acid: Shows a decrease in bacterial count from approximately 10^1 to 10^0 CFU/g over 120 hours.
- (c) Preservative: Shows a decrease in bacterial count from approximately 10^1 to 10^0 CFU/g over 120 hours.
- (d) Preservative: Shows a decrease in bacterial count from approximately 10^1 to 10^0 CFU/g over 120 hours.
- (e) Preservative: Shows a decrease in bacterial count from approximately 10^1 to 10^0 CFU/g over 120 hours.
- (f) Preservative: Shows a decrease in bacterial count from approximately 10^1 to 10^0 CFU/g over 120 hours.
- (g) Preservative: Shows a decrease in bacterial count from approximately 10^1 to 10^0 CFU/g over 120 hours.
- (h) Preservative: Shows a decrease in bacterial count from approximately 10^1 to 10^0 CFU/g over 120 hours.
- (i) Preservative: Shows a decrease in bacterial count from approximately 10^1 to 10^0 CFU/g over 120 hours.
- (j) Preservative: Shows a decrease in bacterial count from approximately 10^1 to 10^0 CFU/g over 120 hours.
- (k) Preservative: Shows a decrease in bacterial count from approximately 10^1 to 10^0 CFU/g over 120 hours.
- (l) Preservative: Shows a decrease in bacterial count from approximately 10^1 to 10^0 CFU/g over 120 hours.



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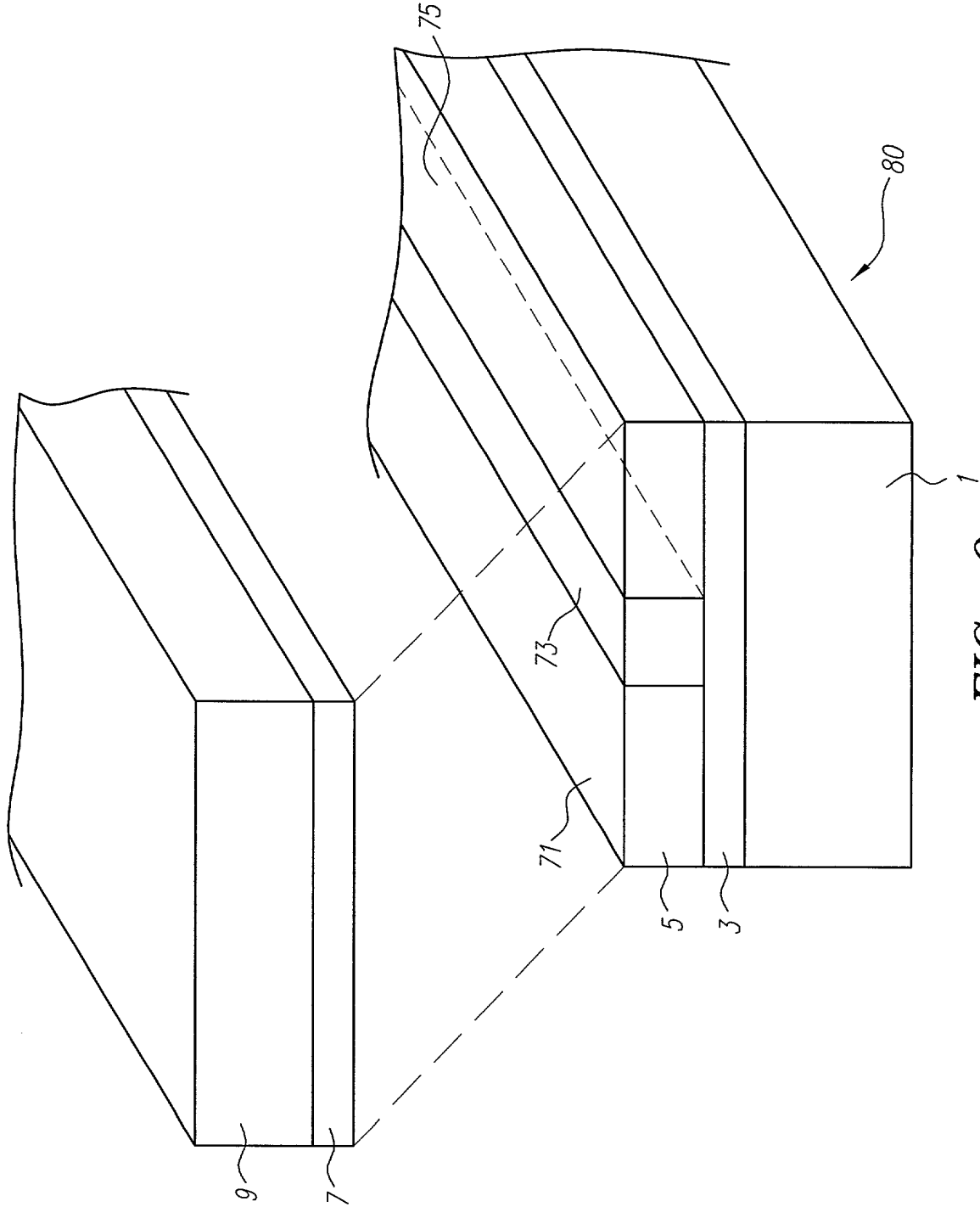


FIG. 9

FIG. 9

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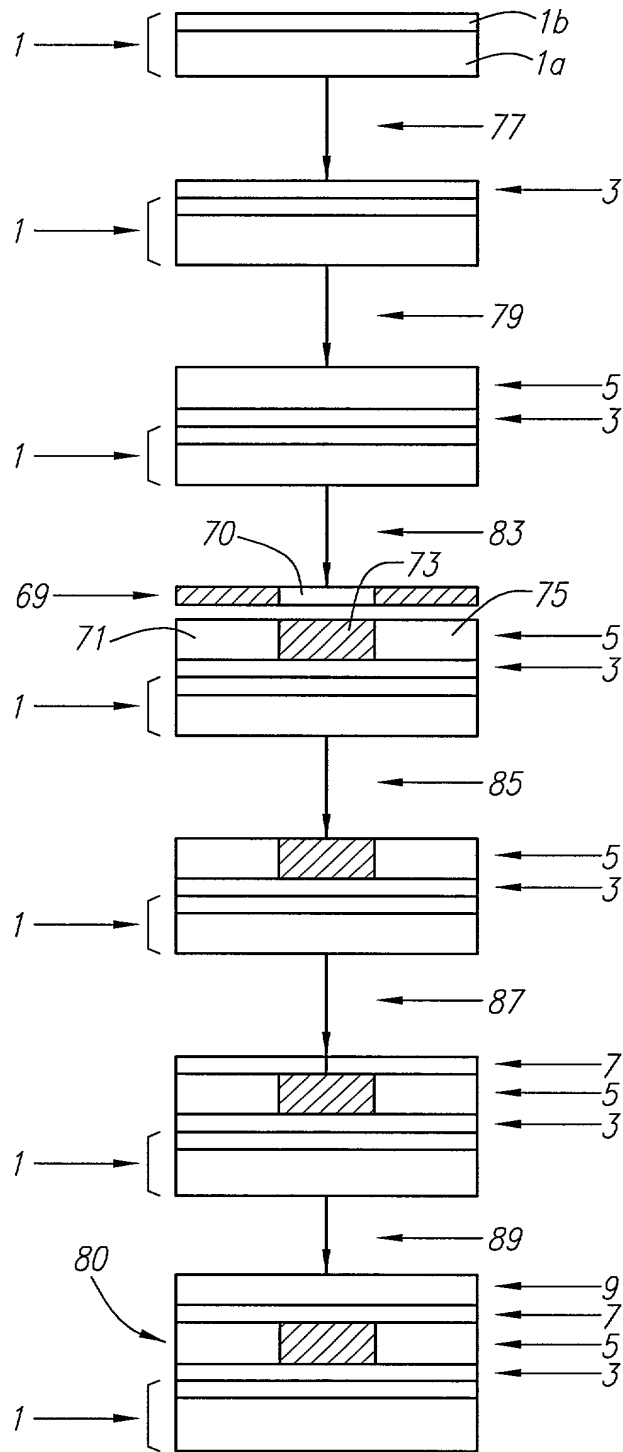


FIG. 10

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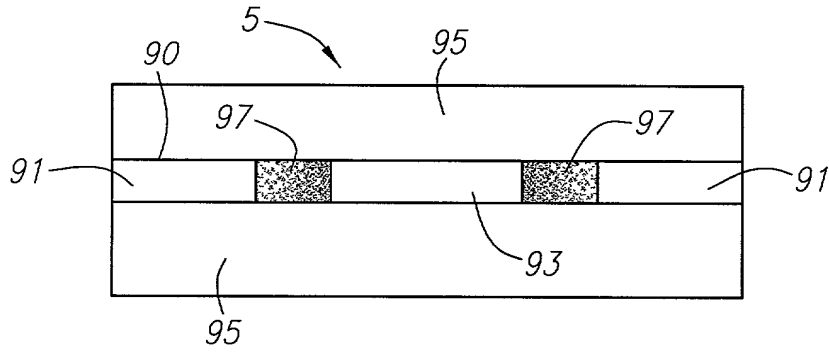


FIG. 11

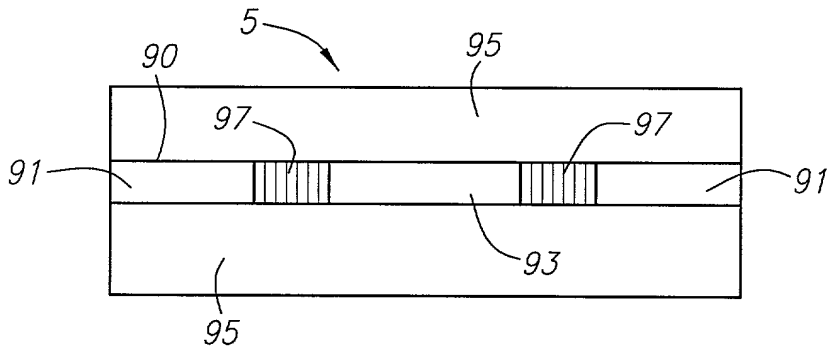


FIG. 12

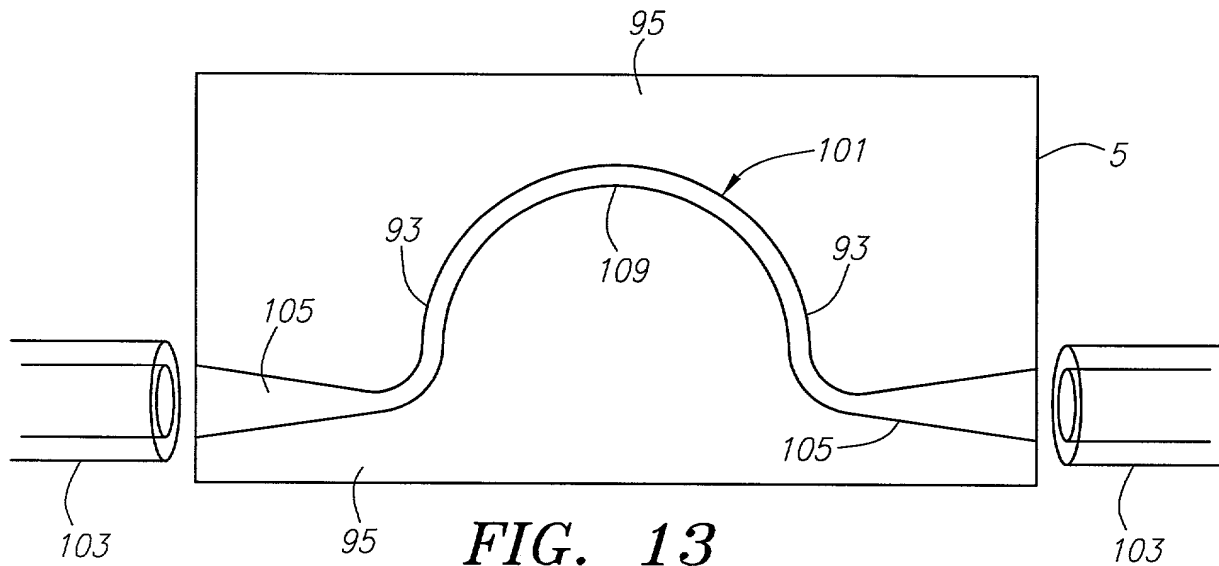


FIG. 13

FIG. 11

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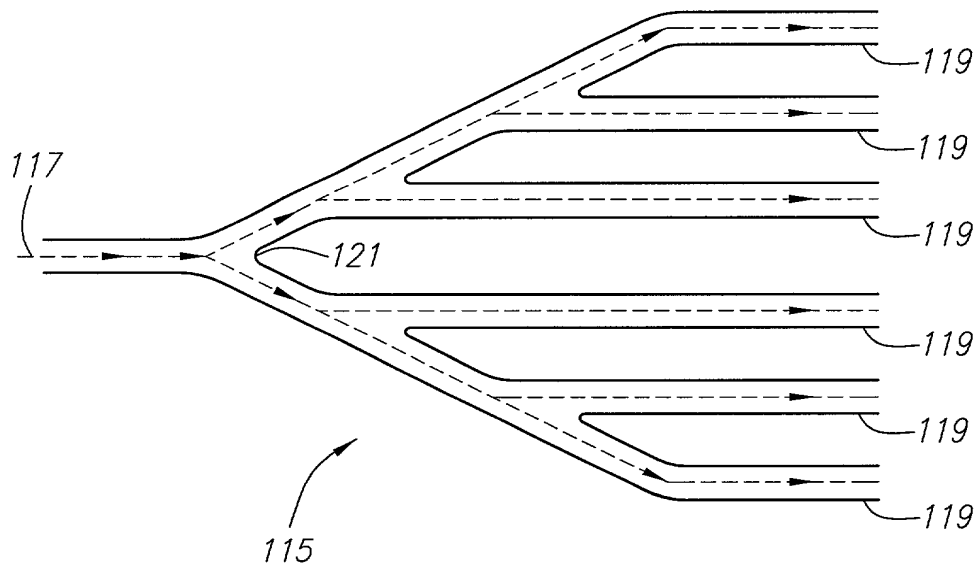


FIG. 14

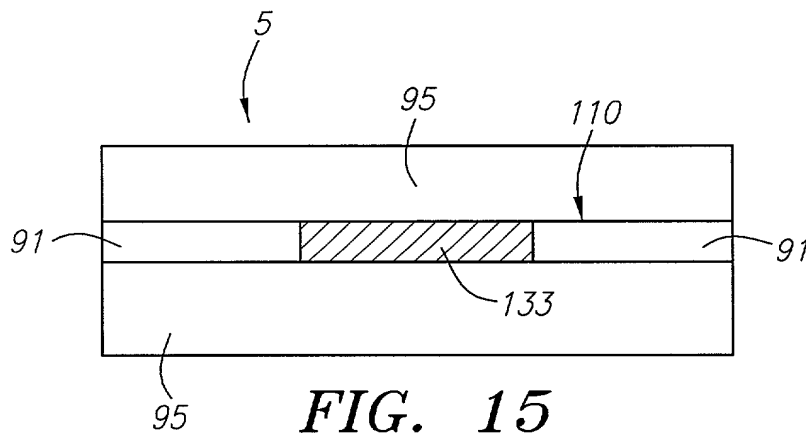


FIG. 15

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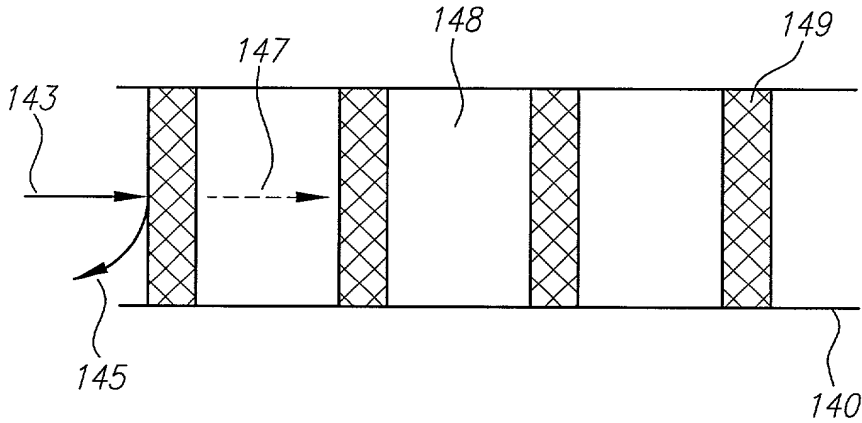


FIG. 16A
(PRIOR ART)

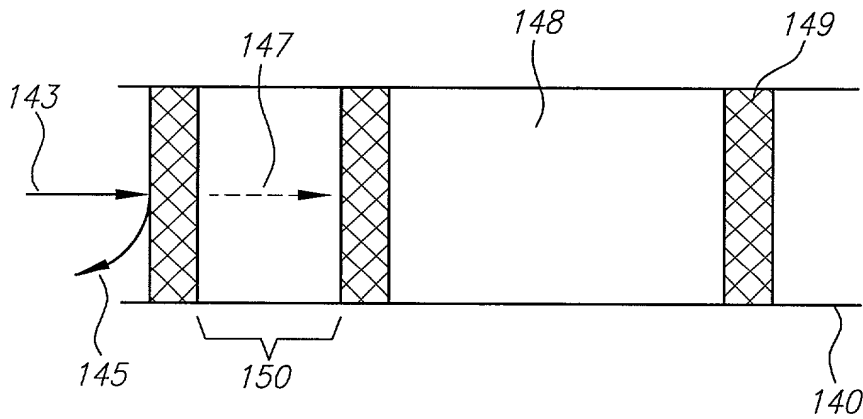


FIG. 16B
(PRIOR ART)

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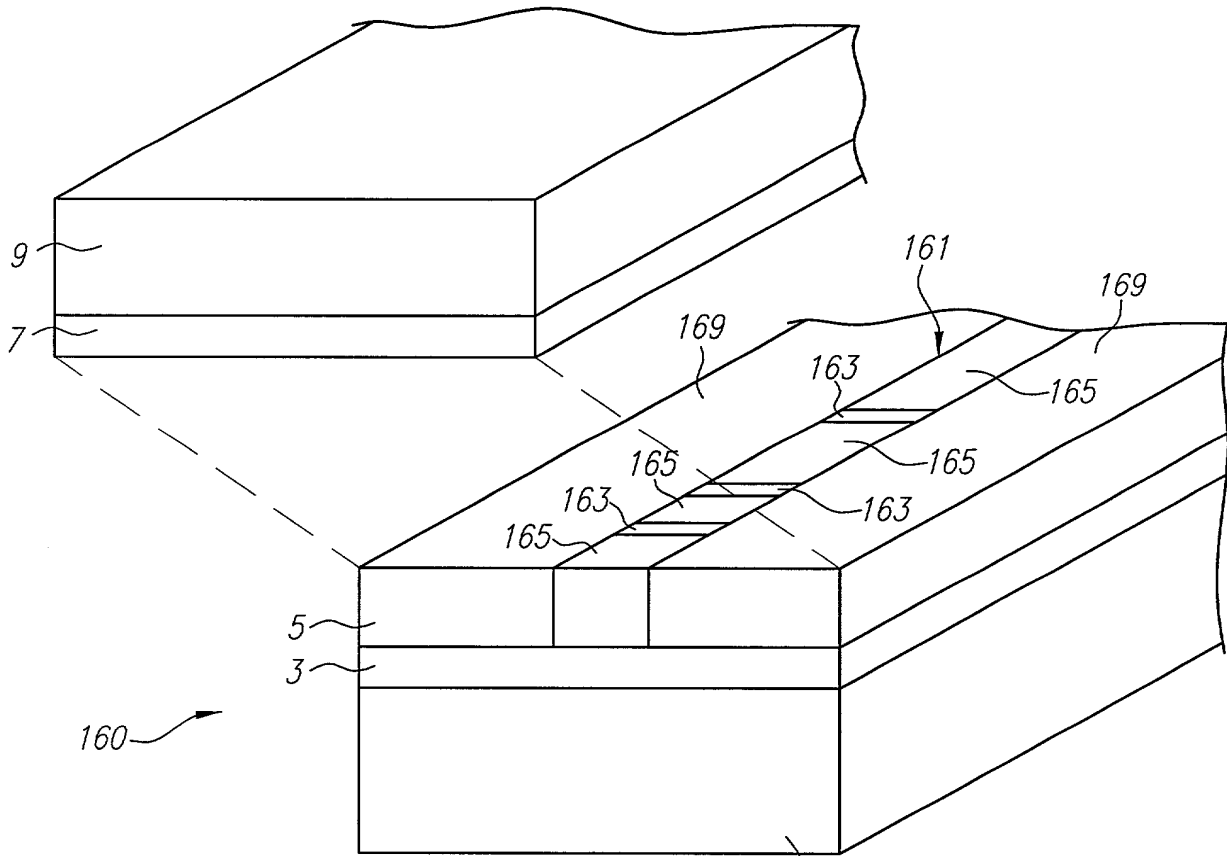


FIG. 17A

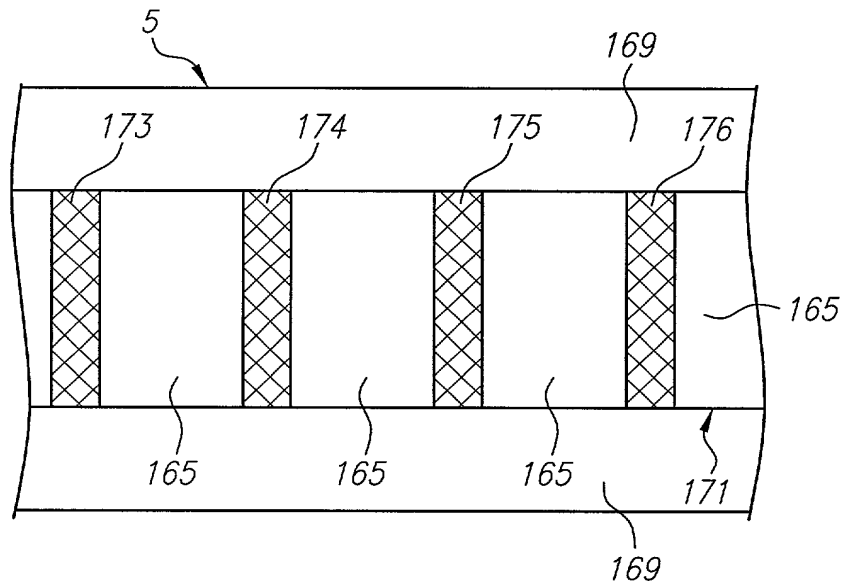
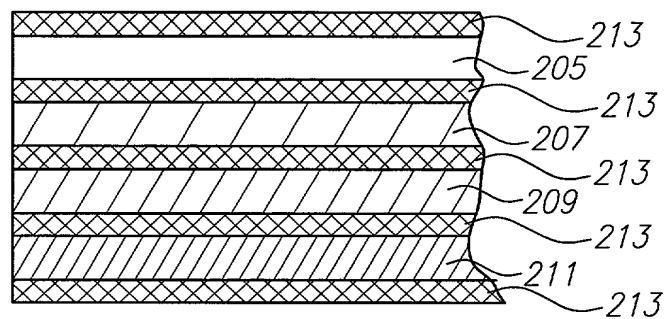
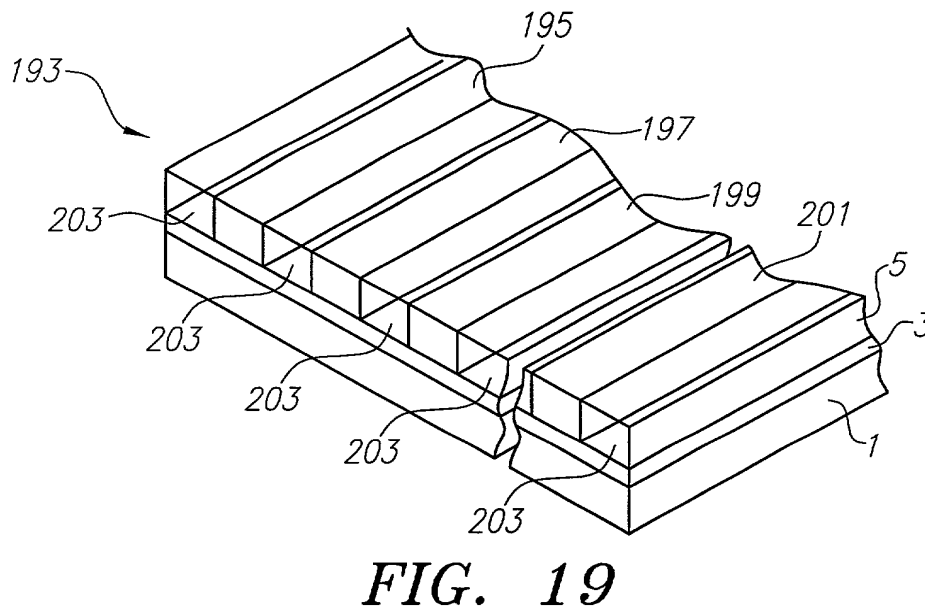
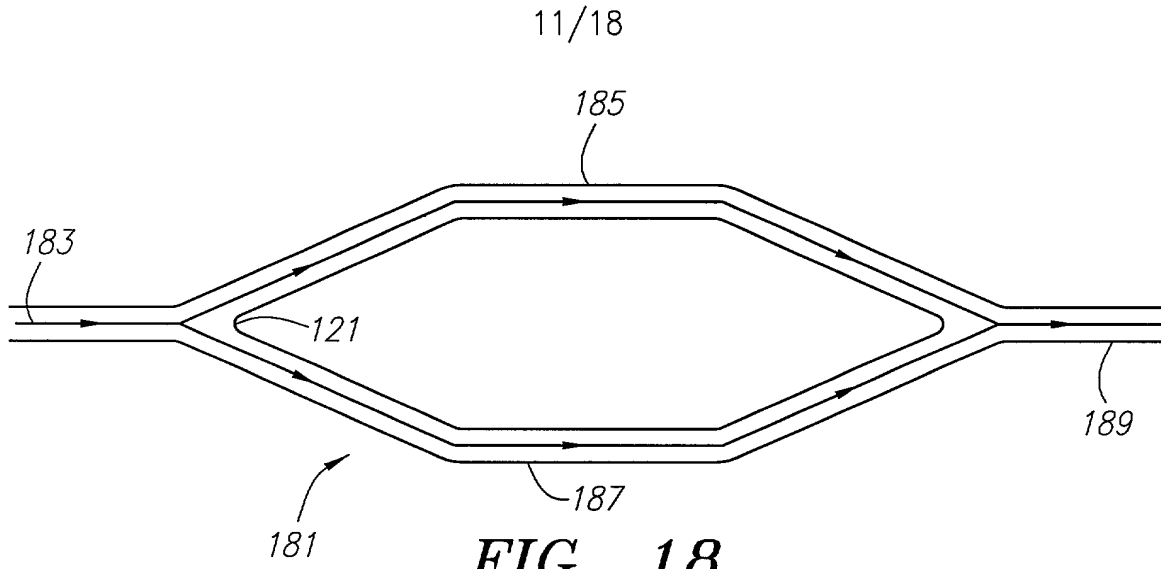


FIG. 17B



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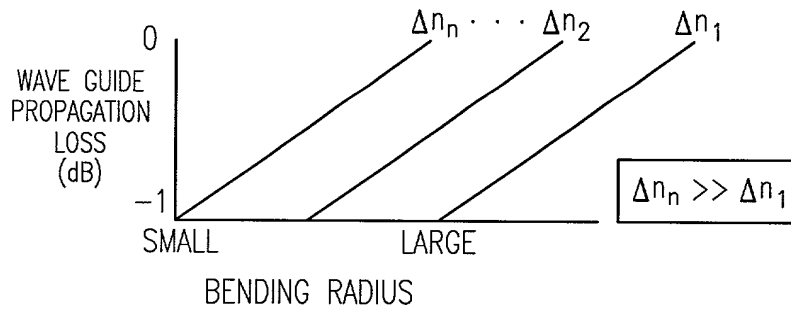


FIG. 21

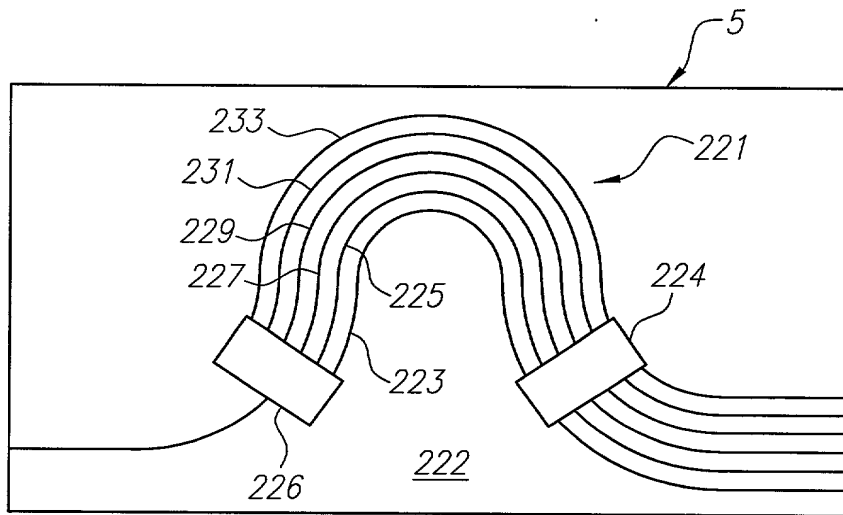


FIG. 22

Downloaded from www.patentstorm.com

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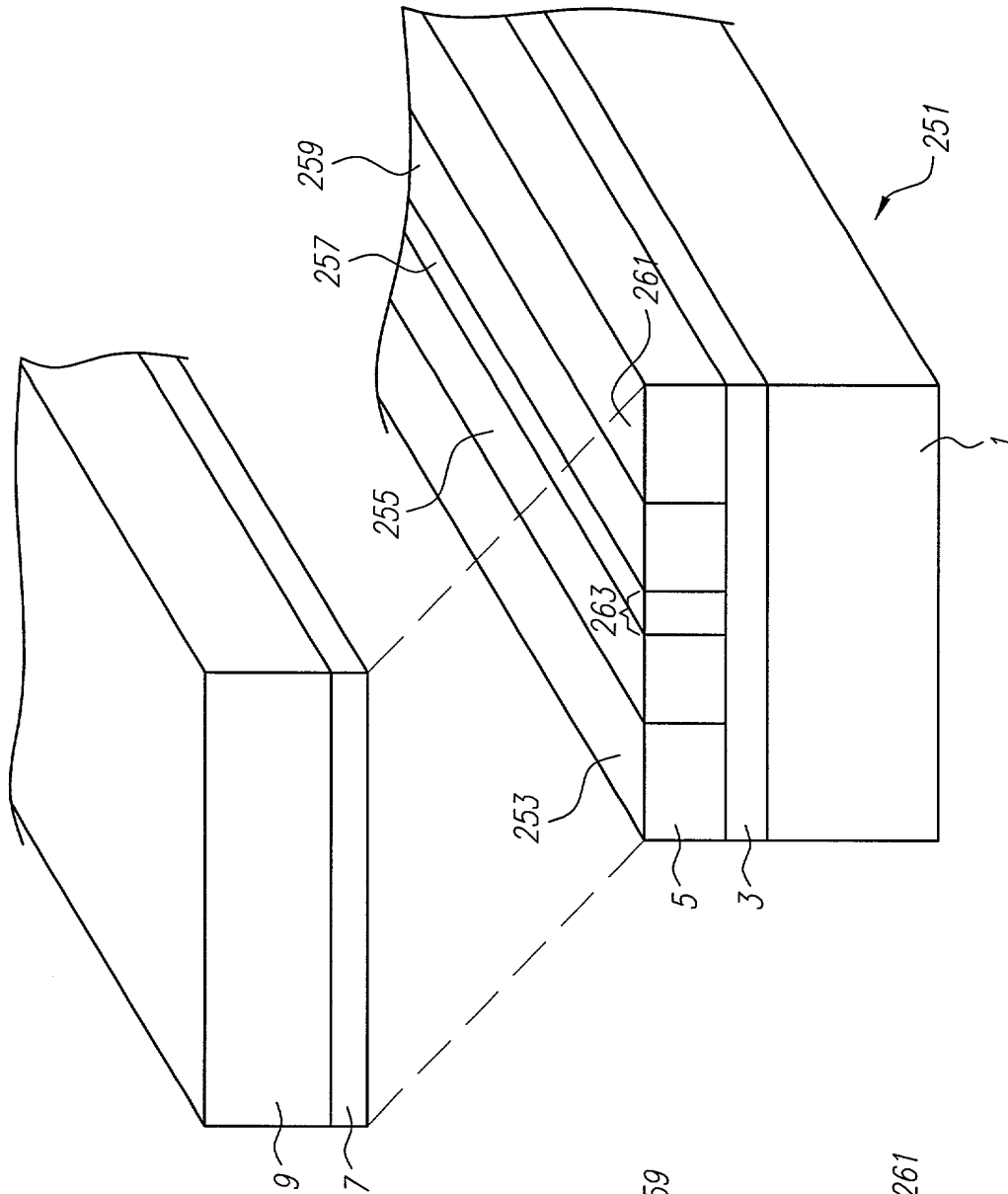


FIG. 24

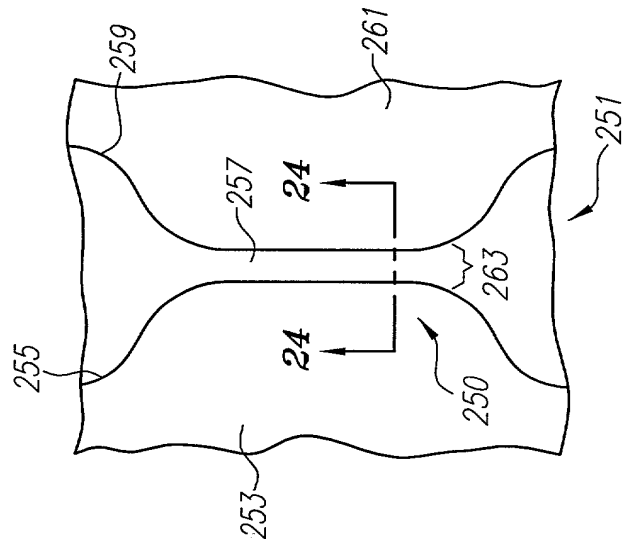


FIG. 23

FIG. 23

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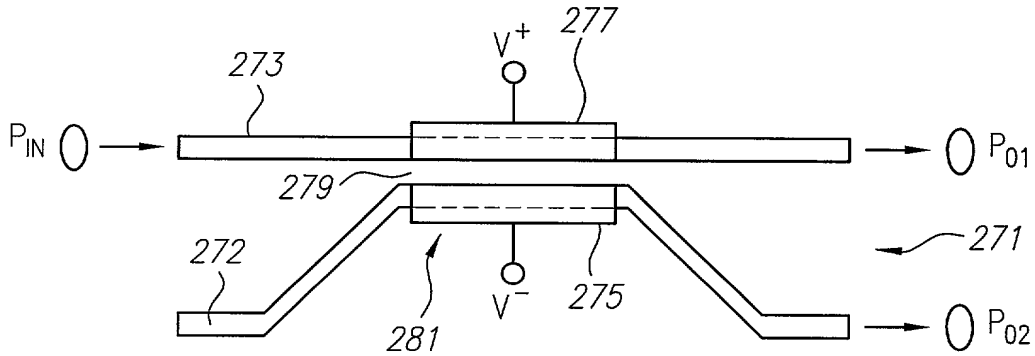


FIG. 25

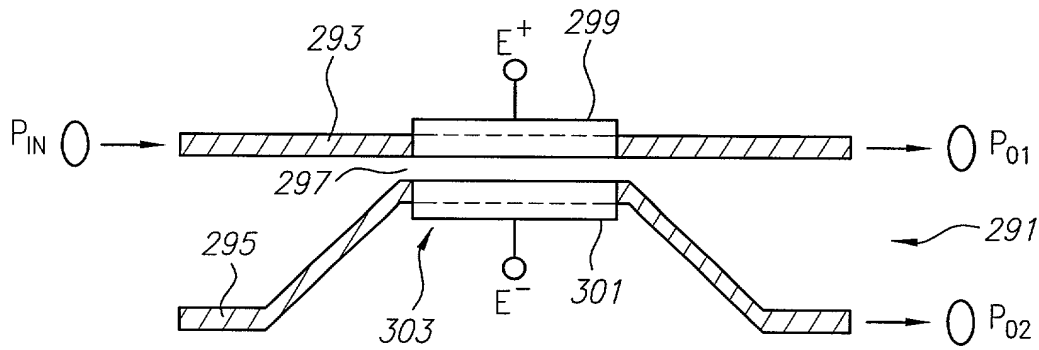


FIG. 26

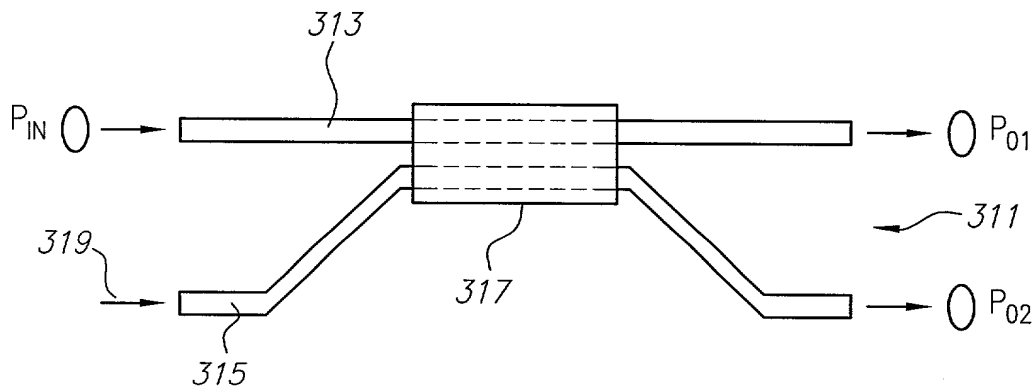


FIG. 27

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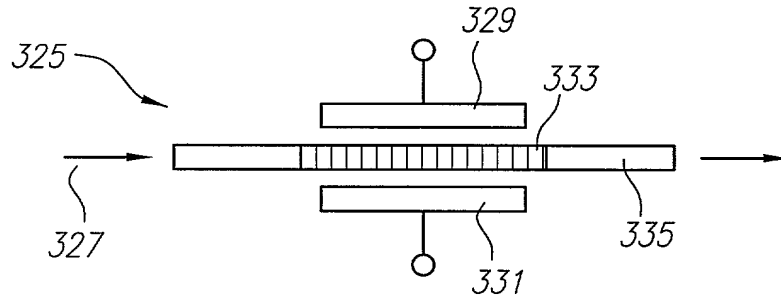


FIG. 28

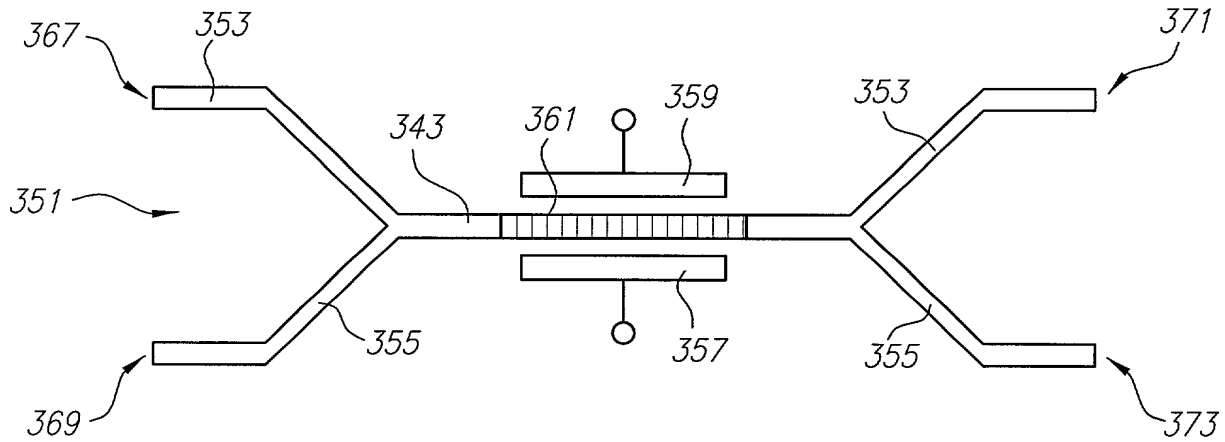
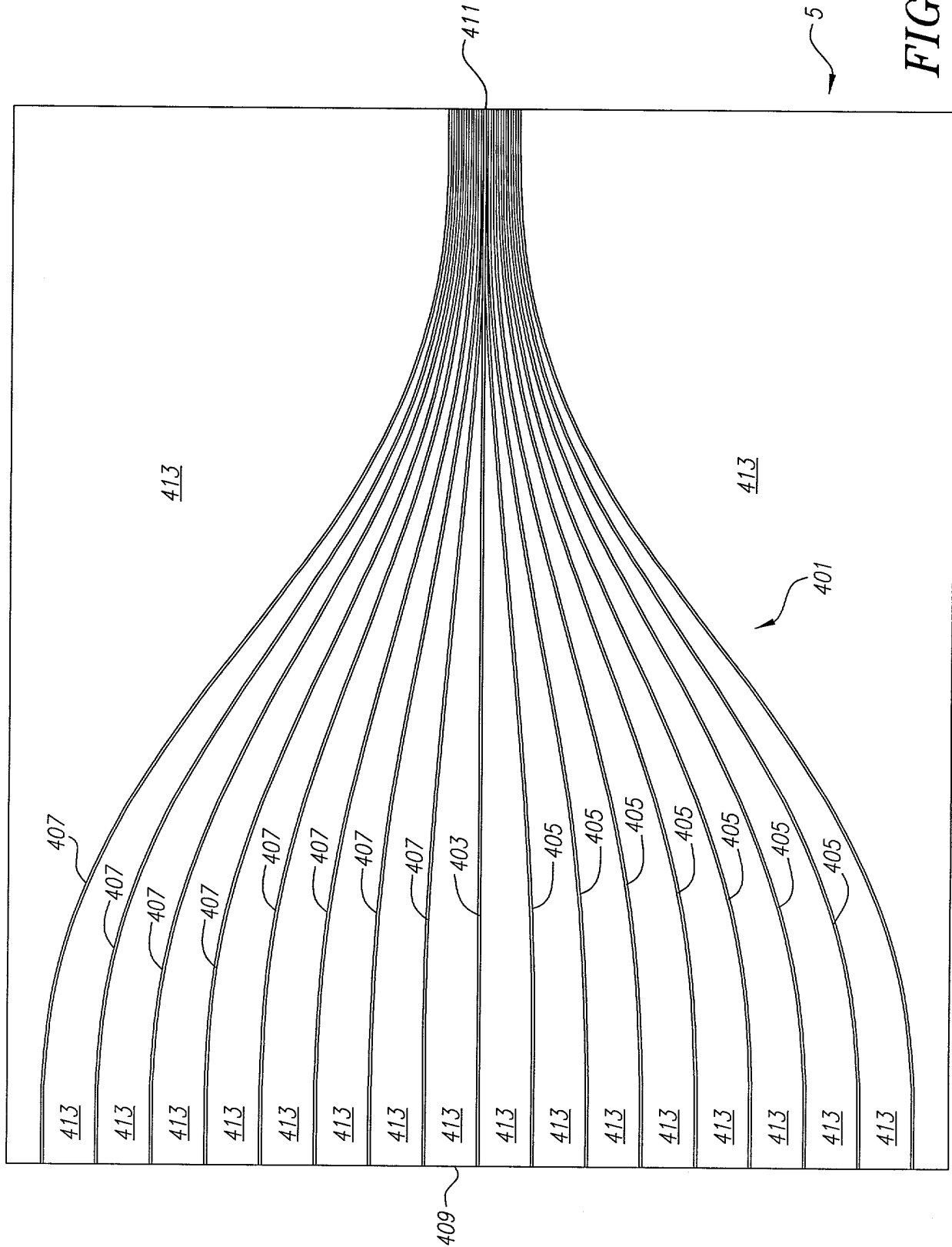


FIG. 29

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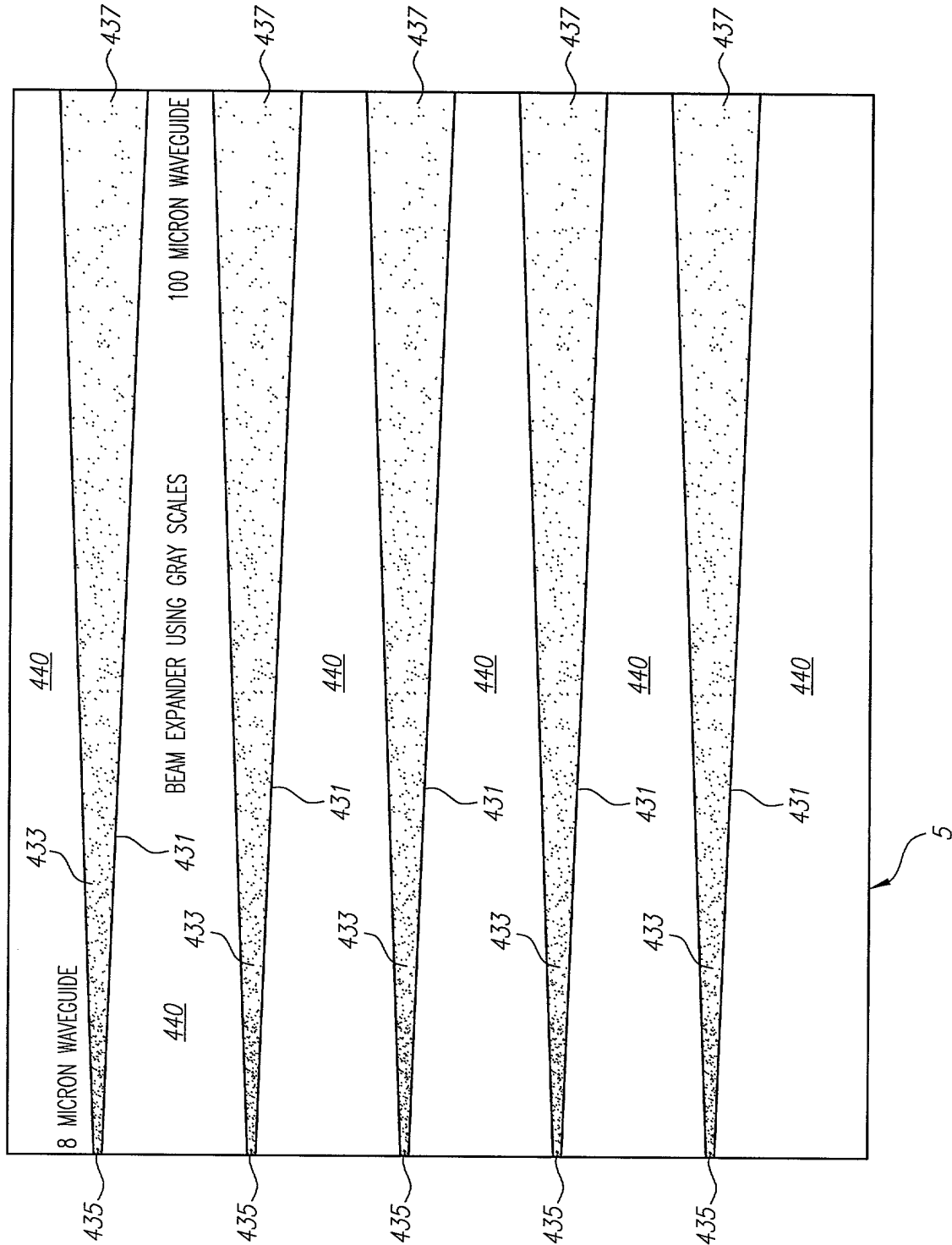


FIG. 31

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